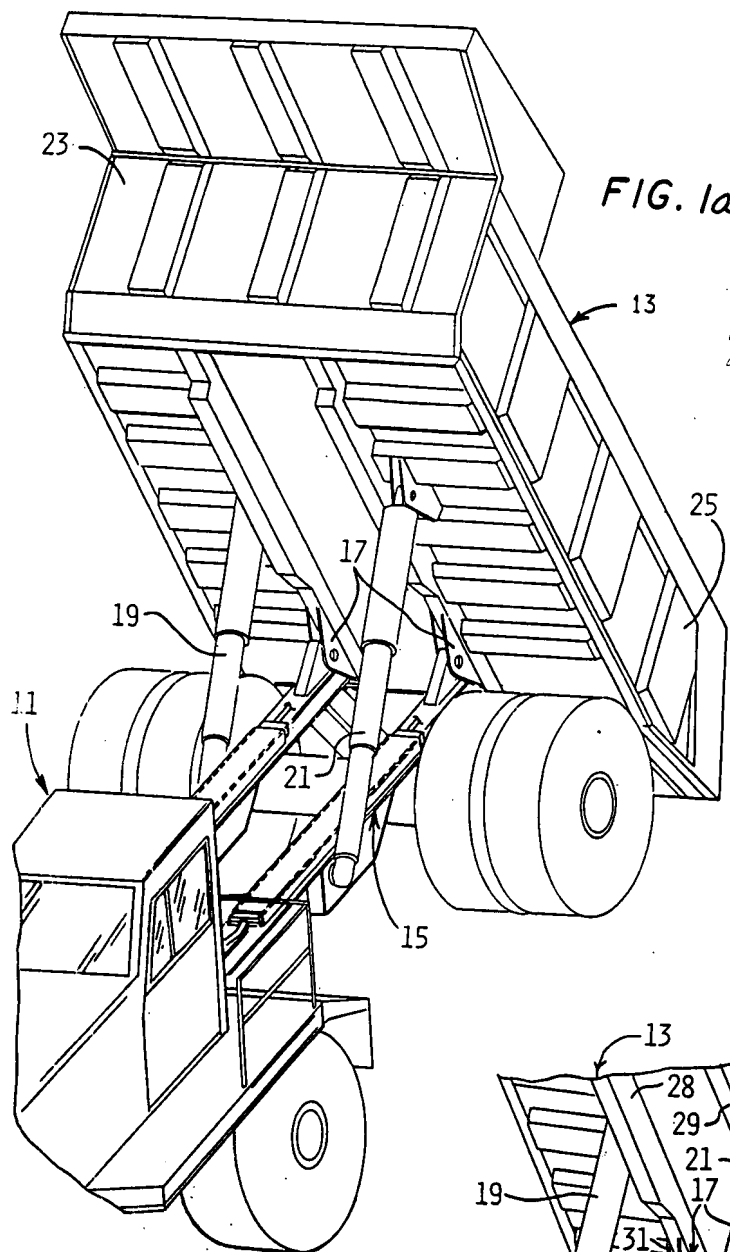
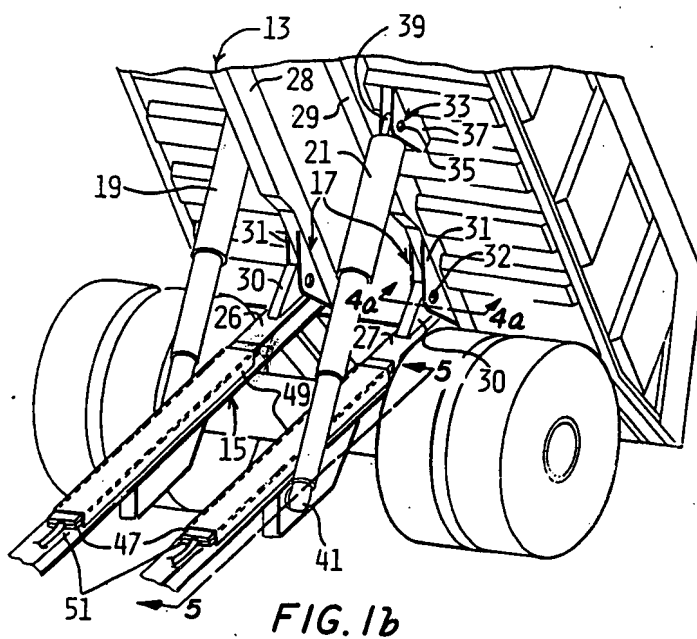


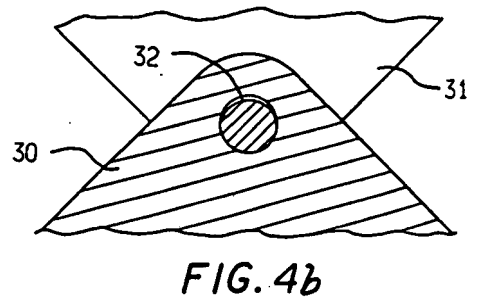
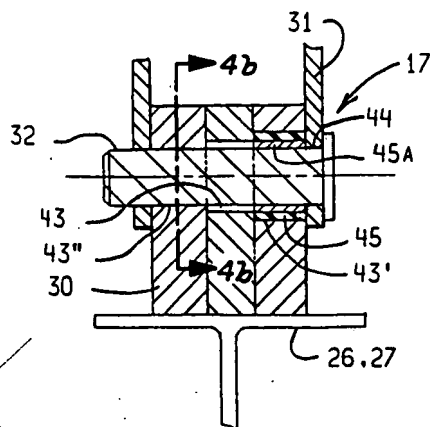
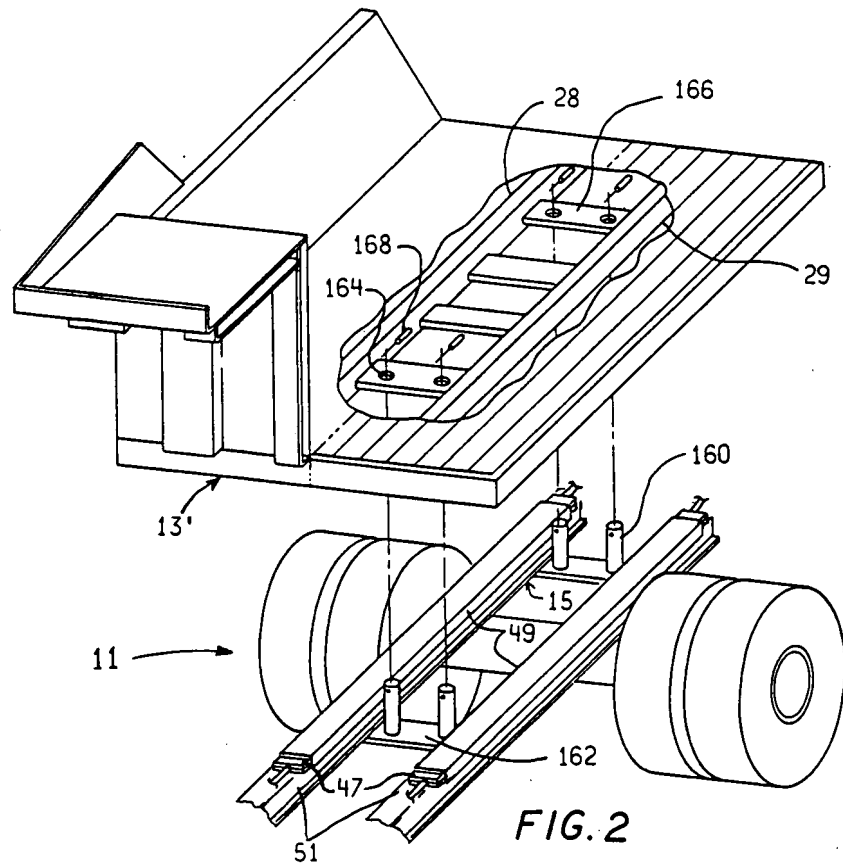
036

114
102, 5



248-50





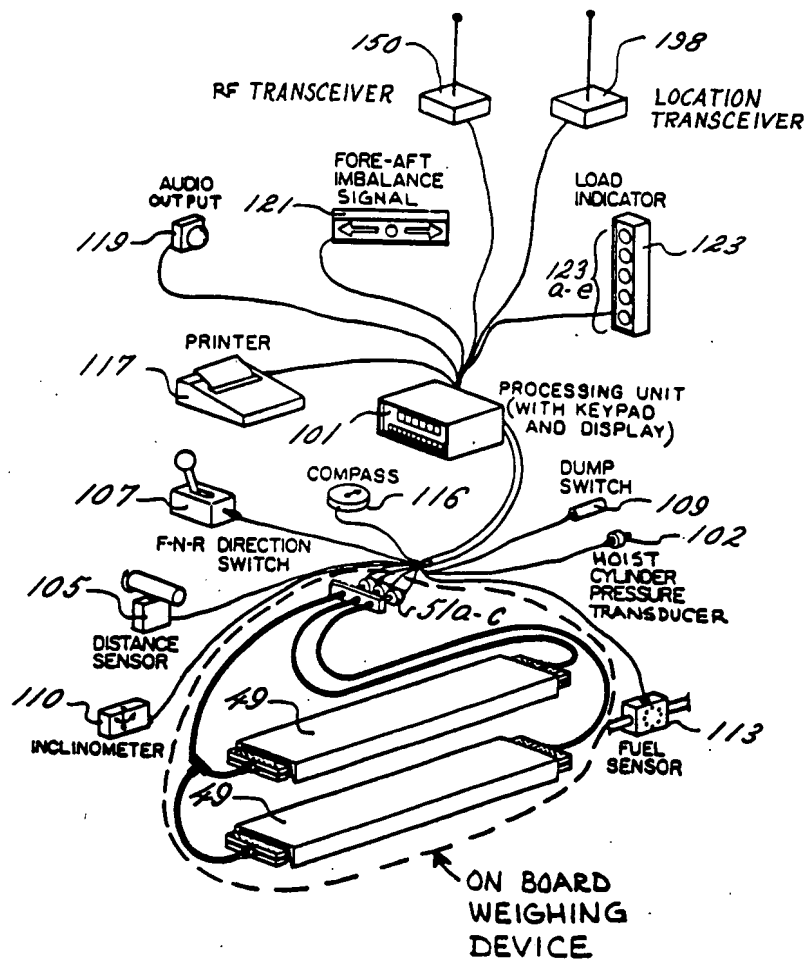
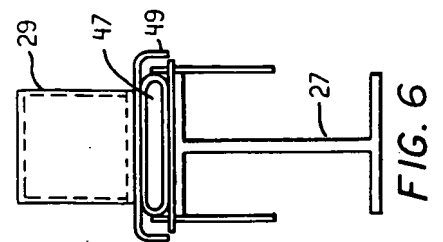
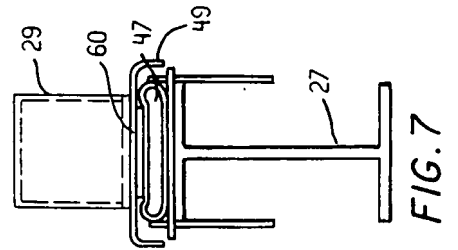
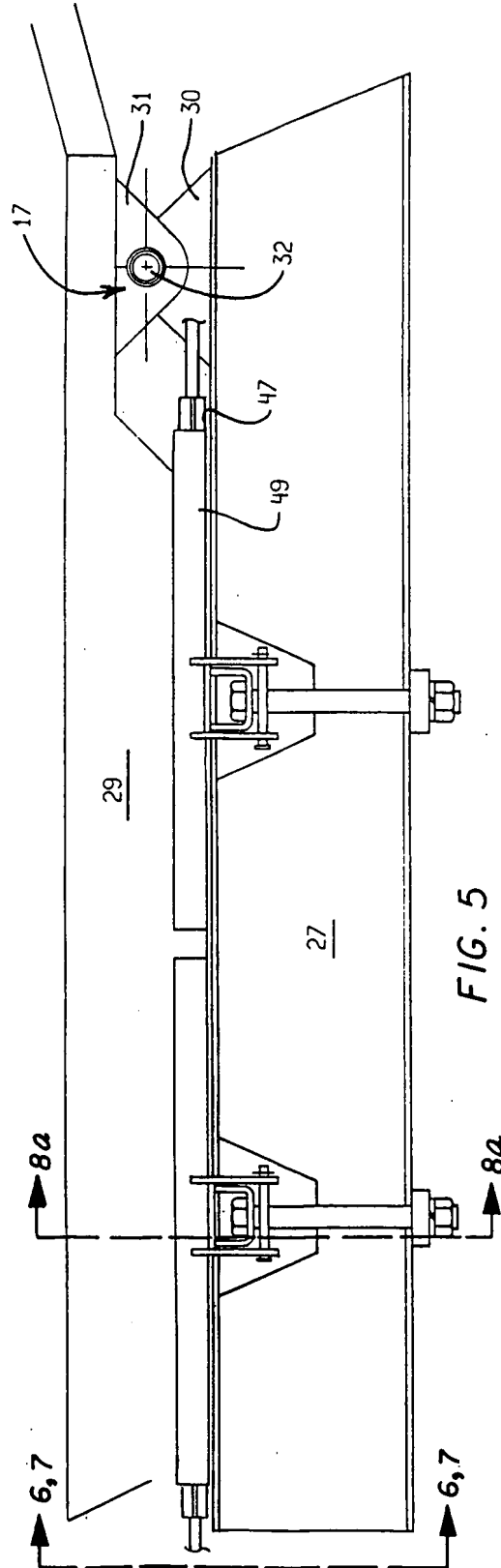


FIG. 3

Printed Drawing
As Original Filed

102,531
~~964,126~~

~~11/351179~~



~~961126~~
102,531
~~851179~~

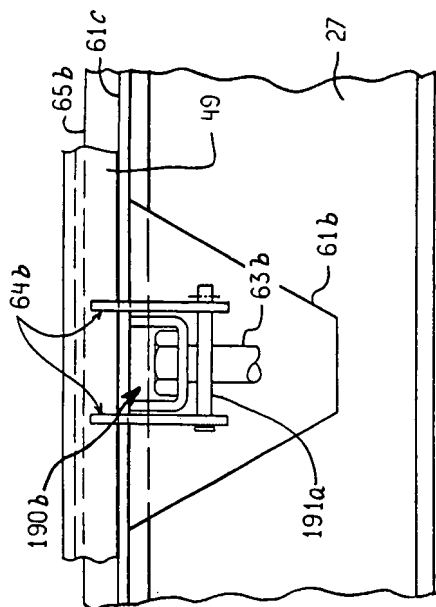


FIG. 8b

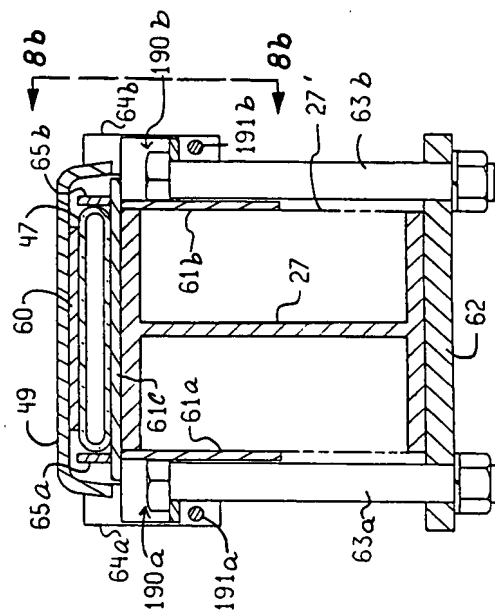


FIG. 8a

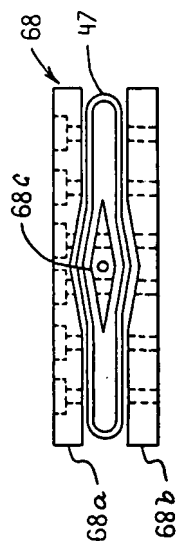


FIG. 9b

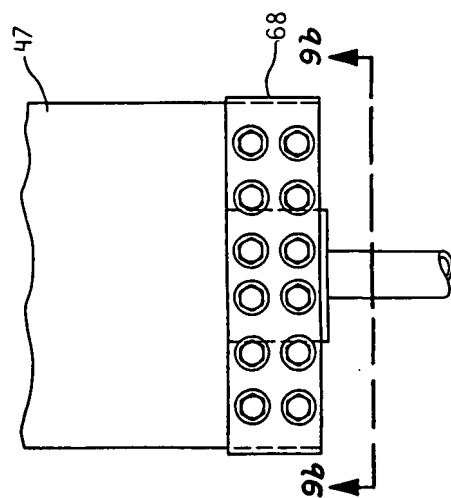
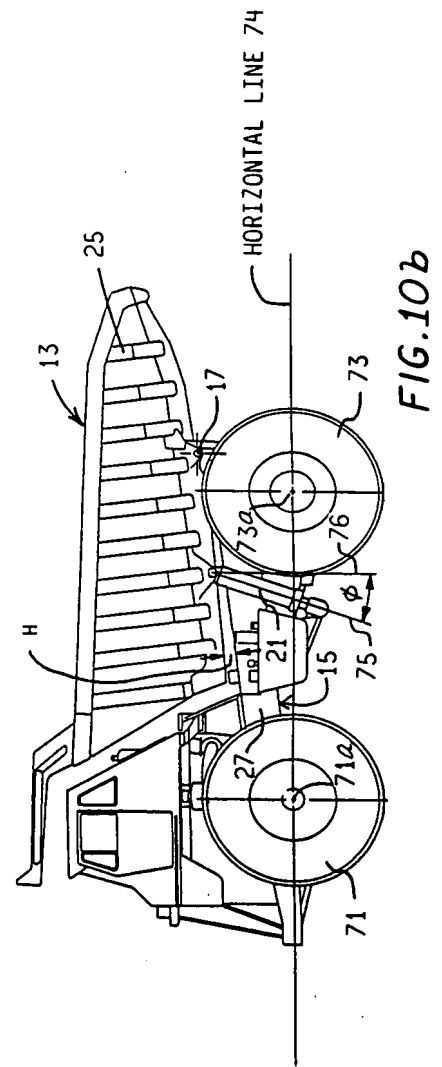
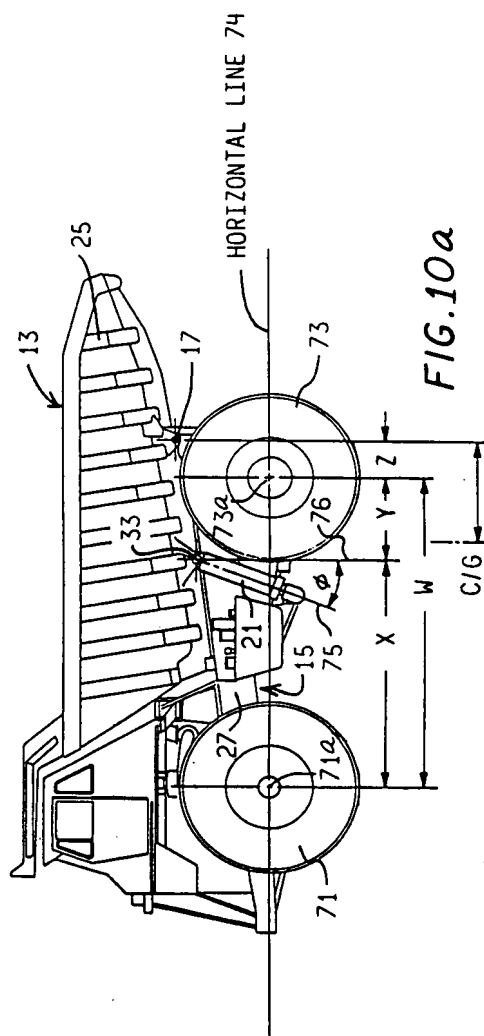
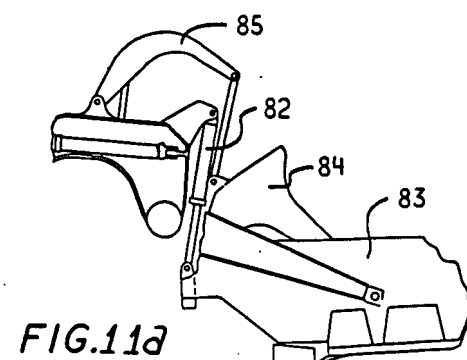
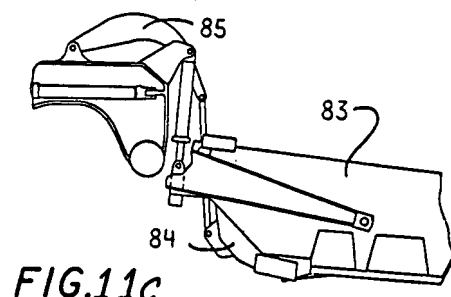
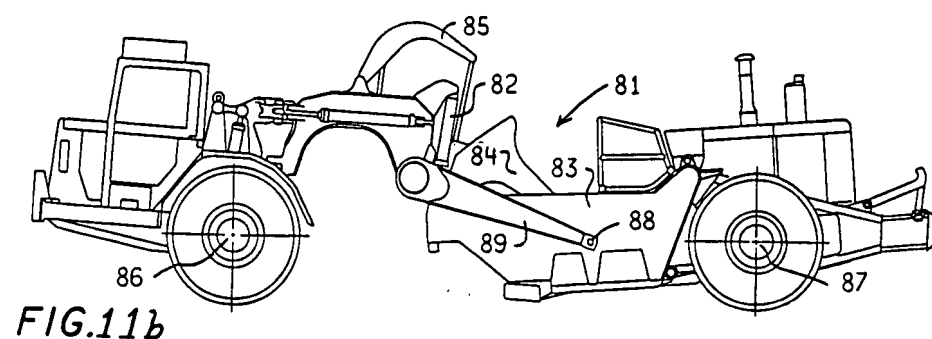
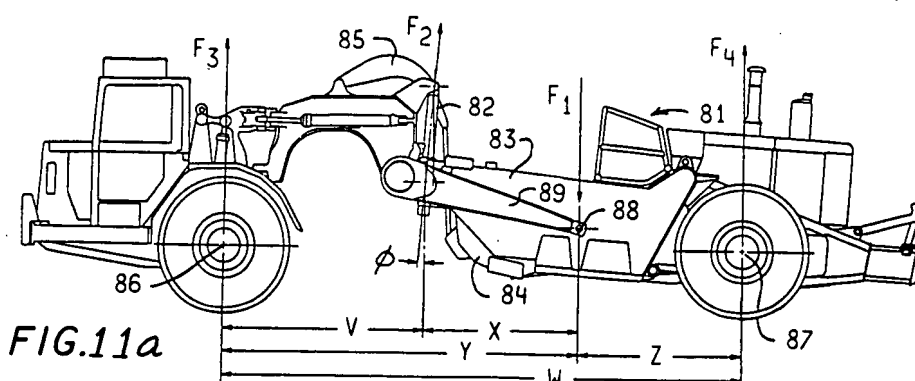


FIG. 9a

~~102,126~~
102,531
~~351,179~~





102,531
9/11/26

07/351179

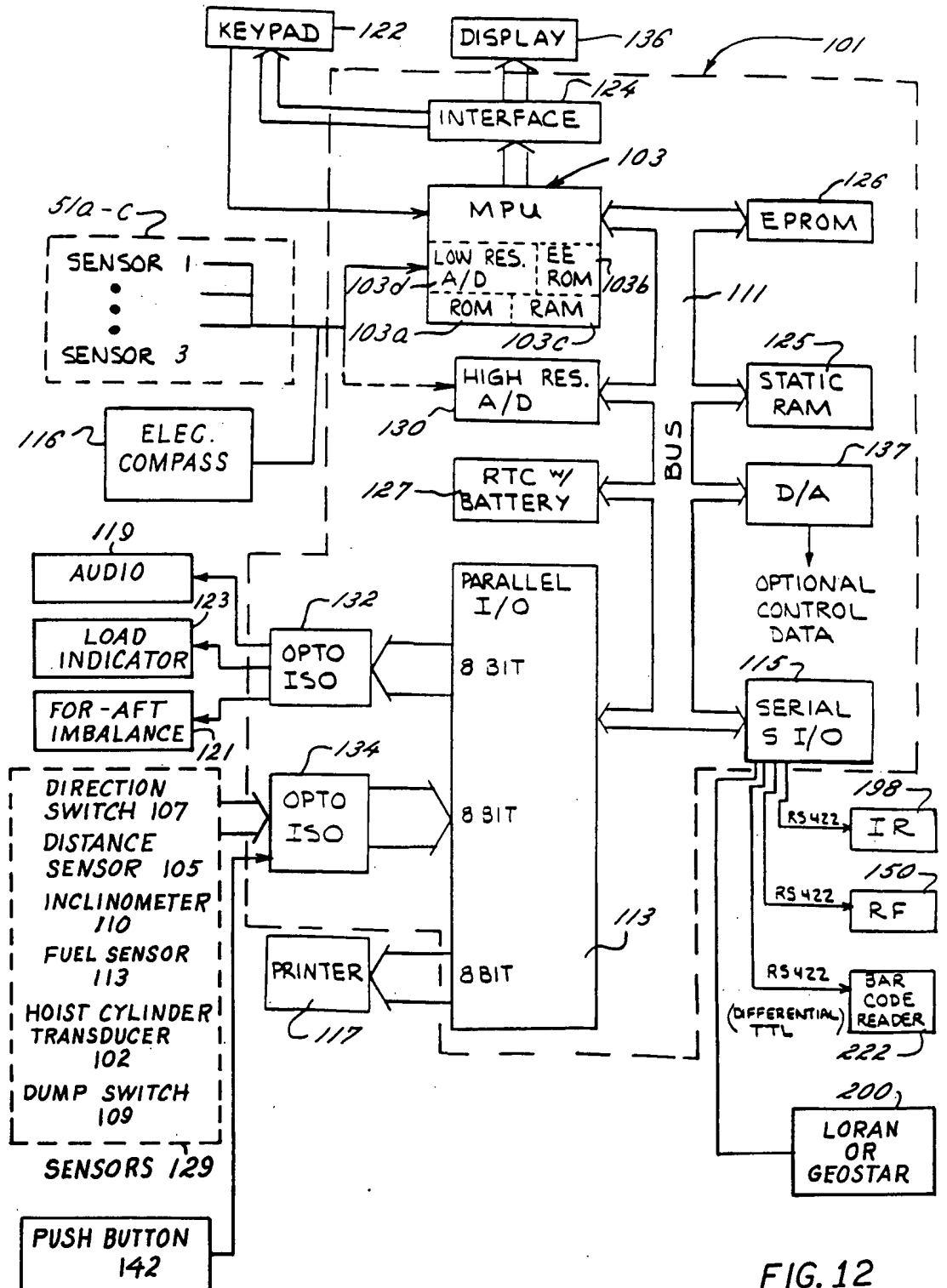


FIG. 12

Print of Drawing
As Original Filed

102,531
~~964,126~~

~~07 351179~~

RAM 125

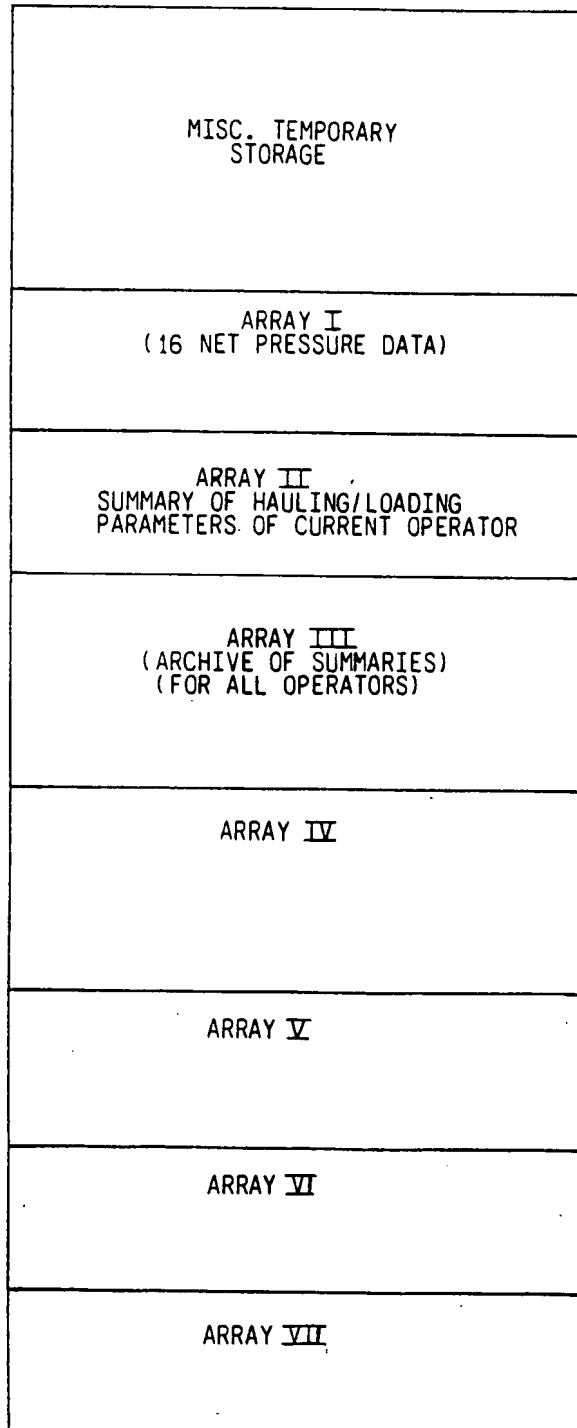


FIG. 13

102,531
~~961,126~~

07 ~~351179~~

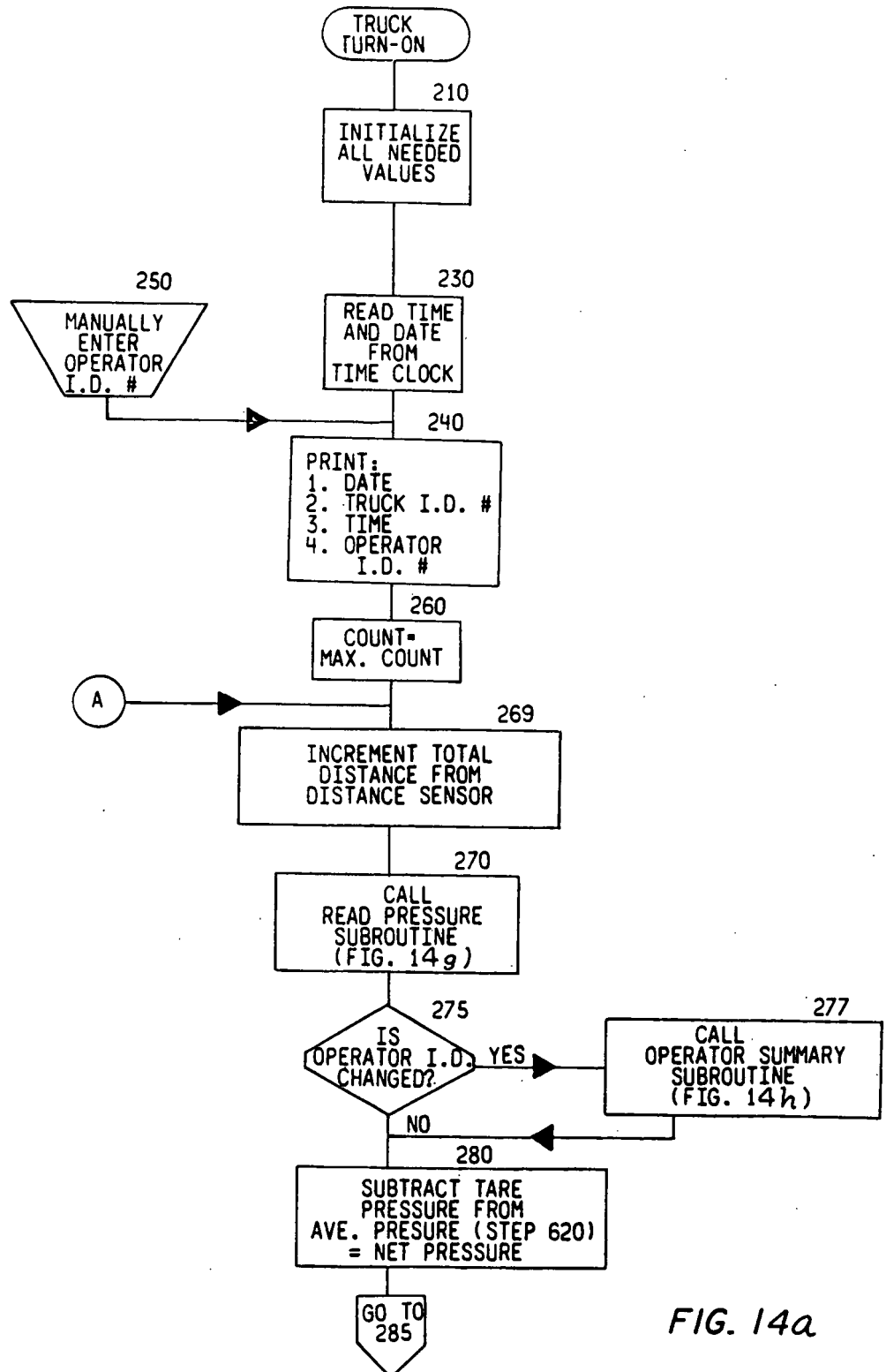


FIG. 14a

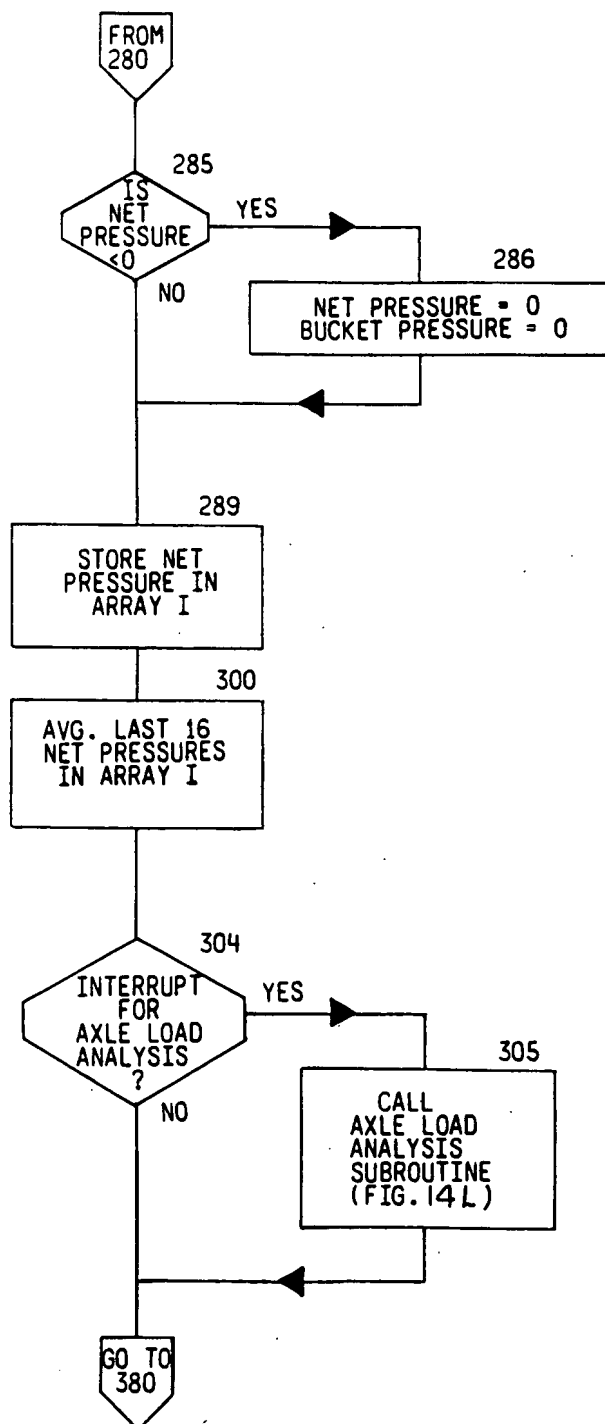


FIG. 14b

102,531

~~964,126~~

~~11 251179~~

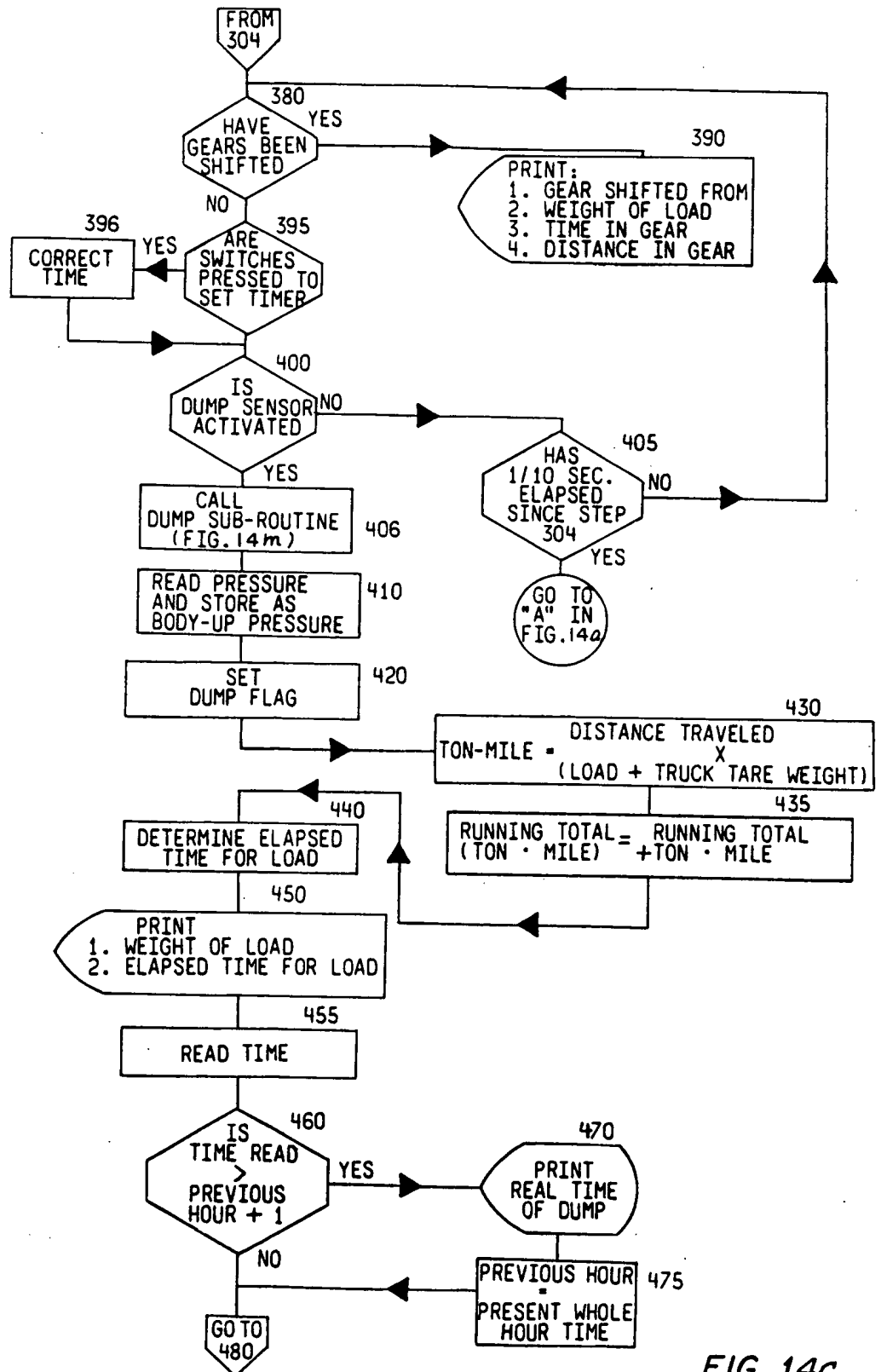


FIG. 14c

102,531
~~969,176~~

11/251179

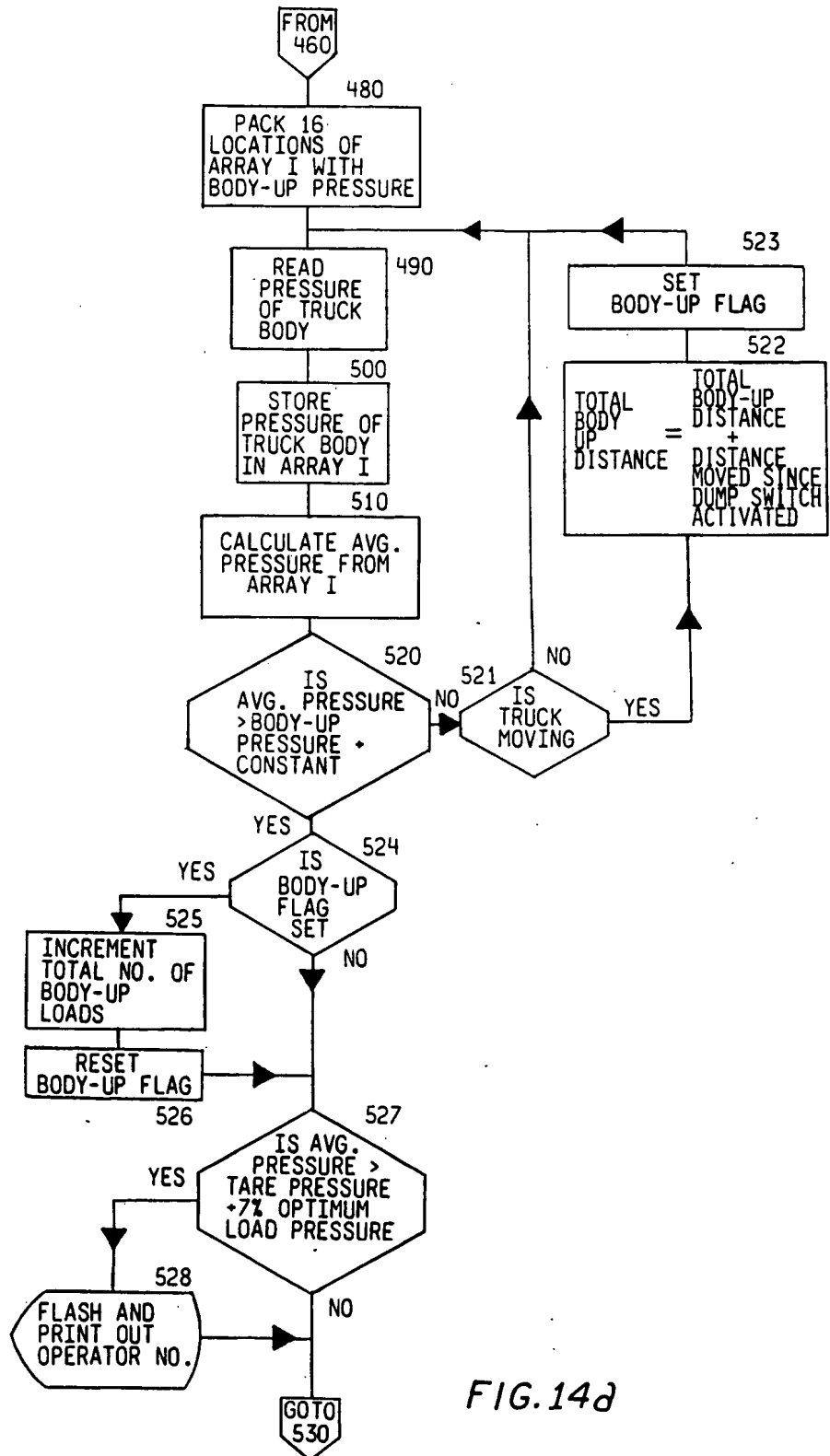


FIG. 14d

102,531

~~964,126~~

~~11/25/179~~

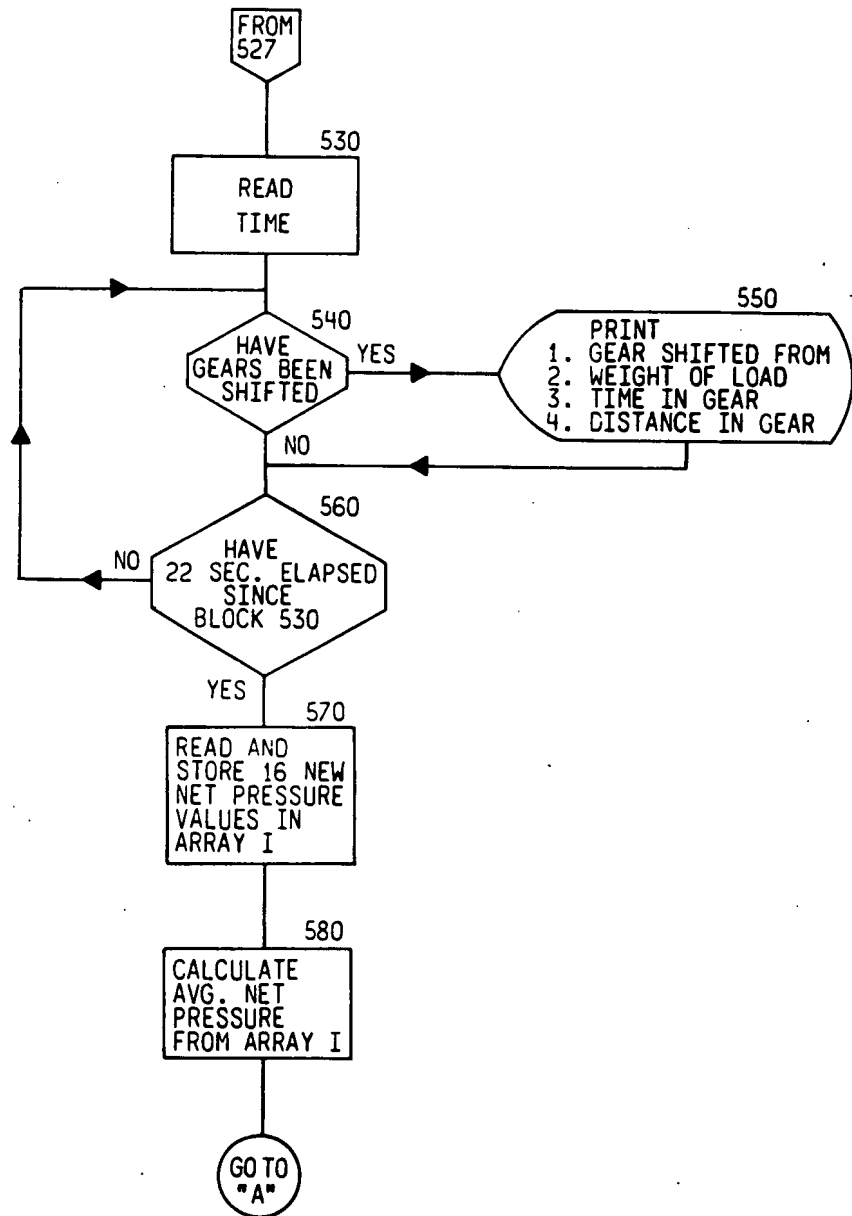


FIG. 14e

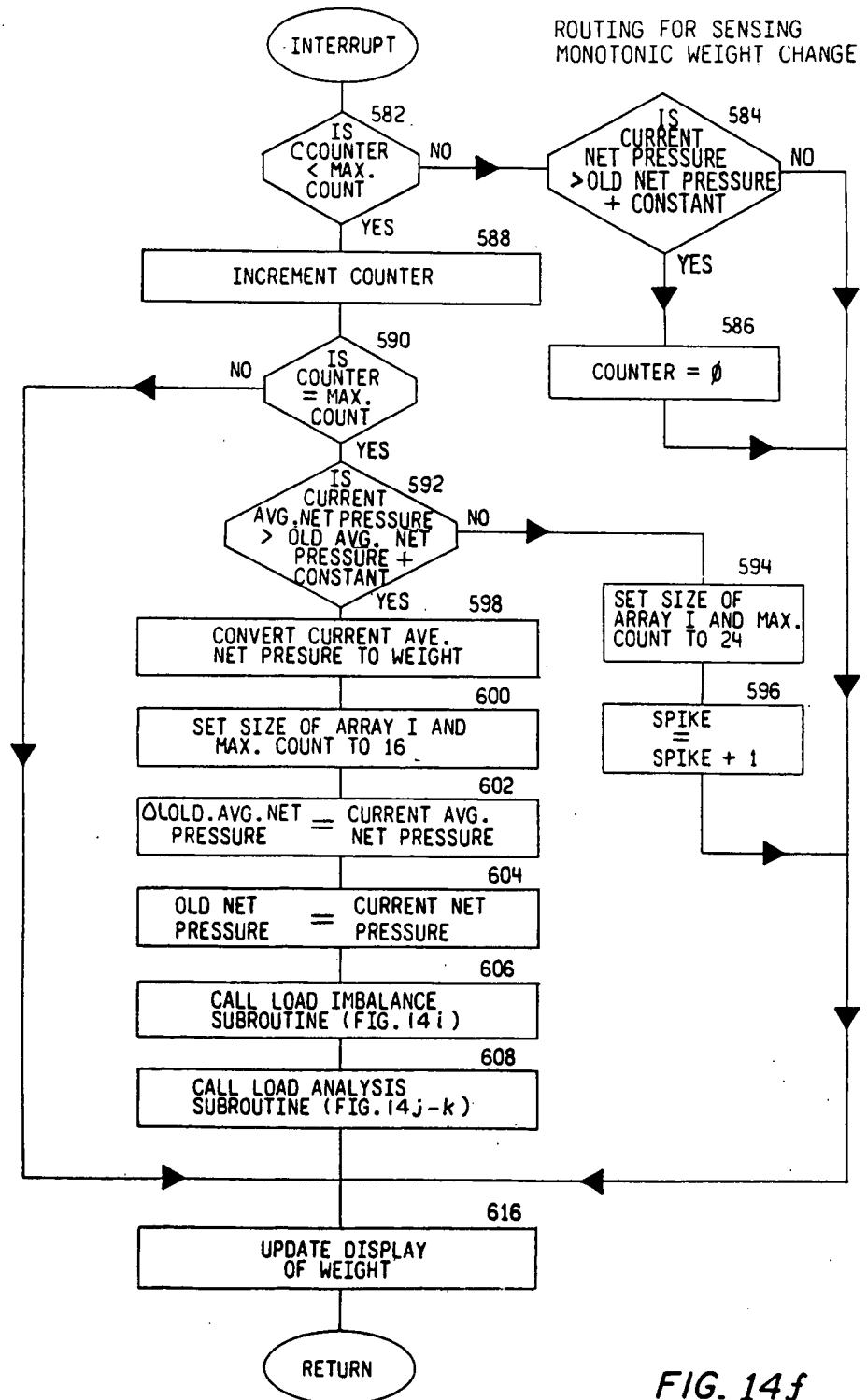
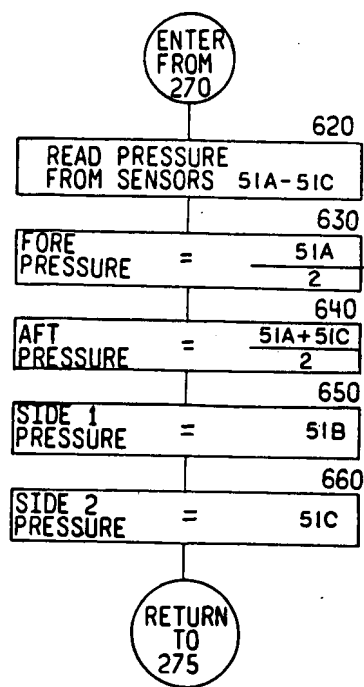


FIG. 14f

102, 531

~~964,126~~

~~11/251179~~

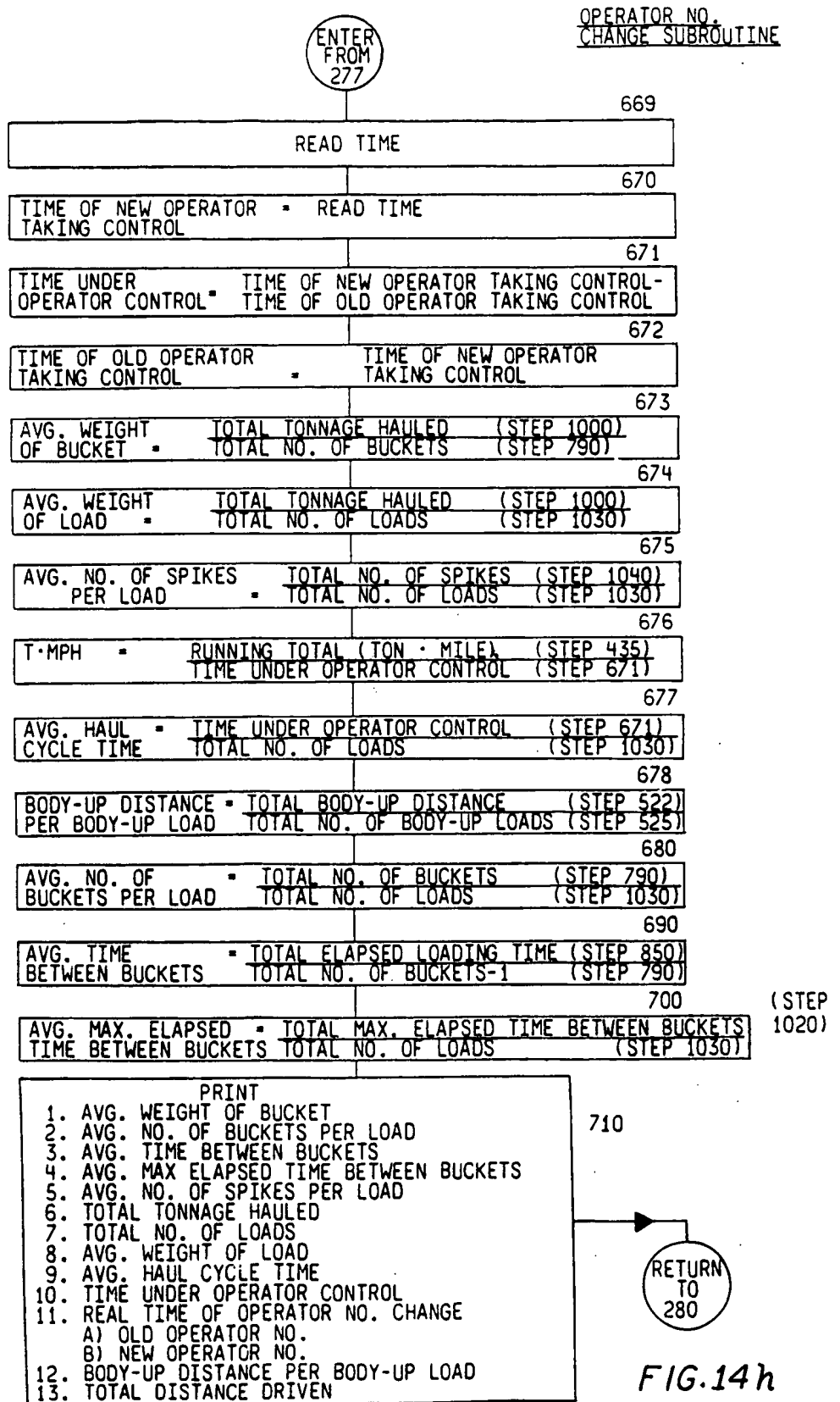


READ PRESSURE
SUBROUTINE

FIG. 14g

Print of Drawing
As Original Filed

102,531
~~107,126~~
U/351179



LOAD
IMBALANCE
SUBROUTINE

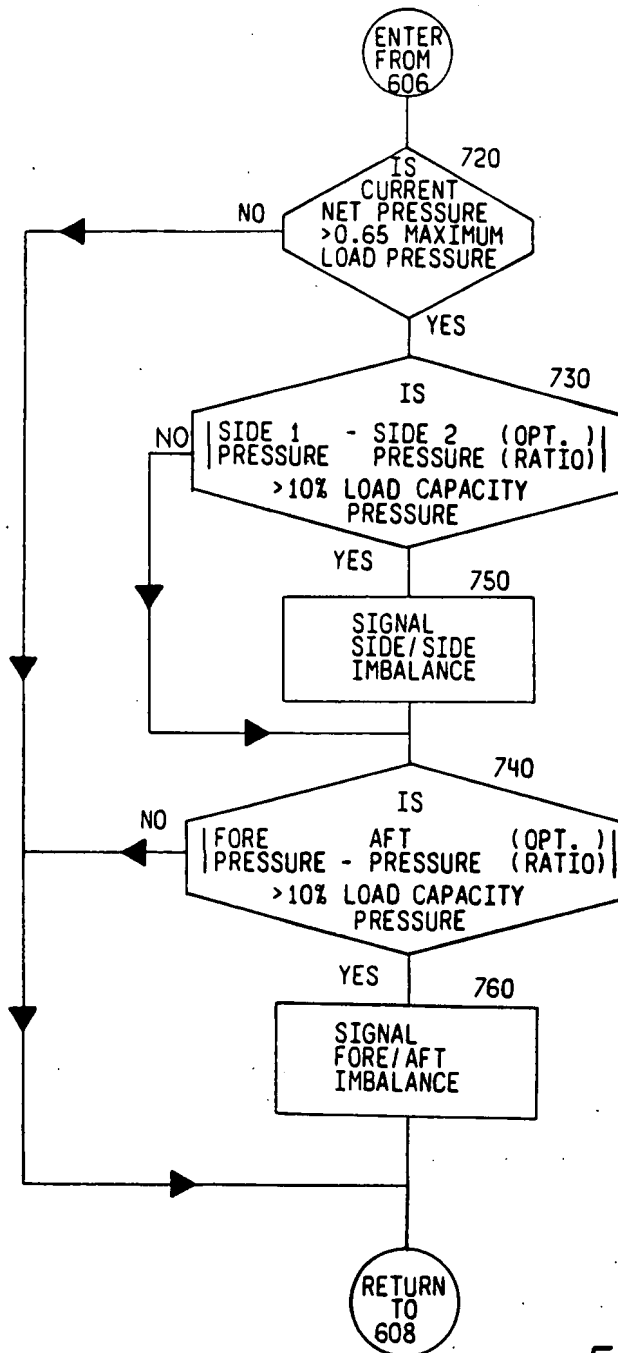
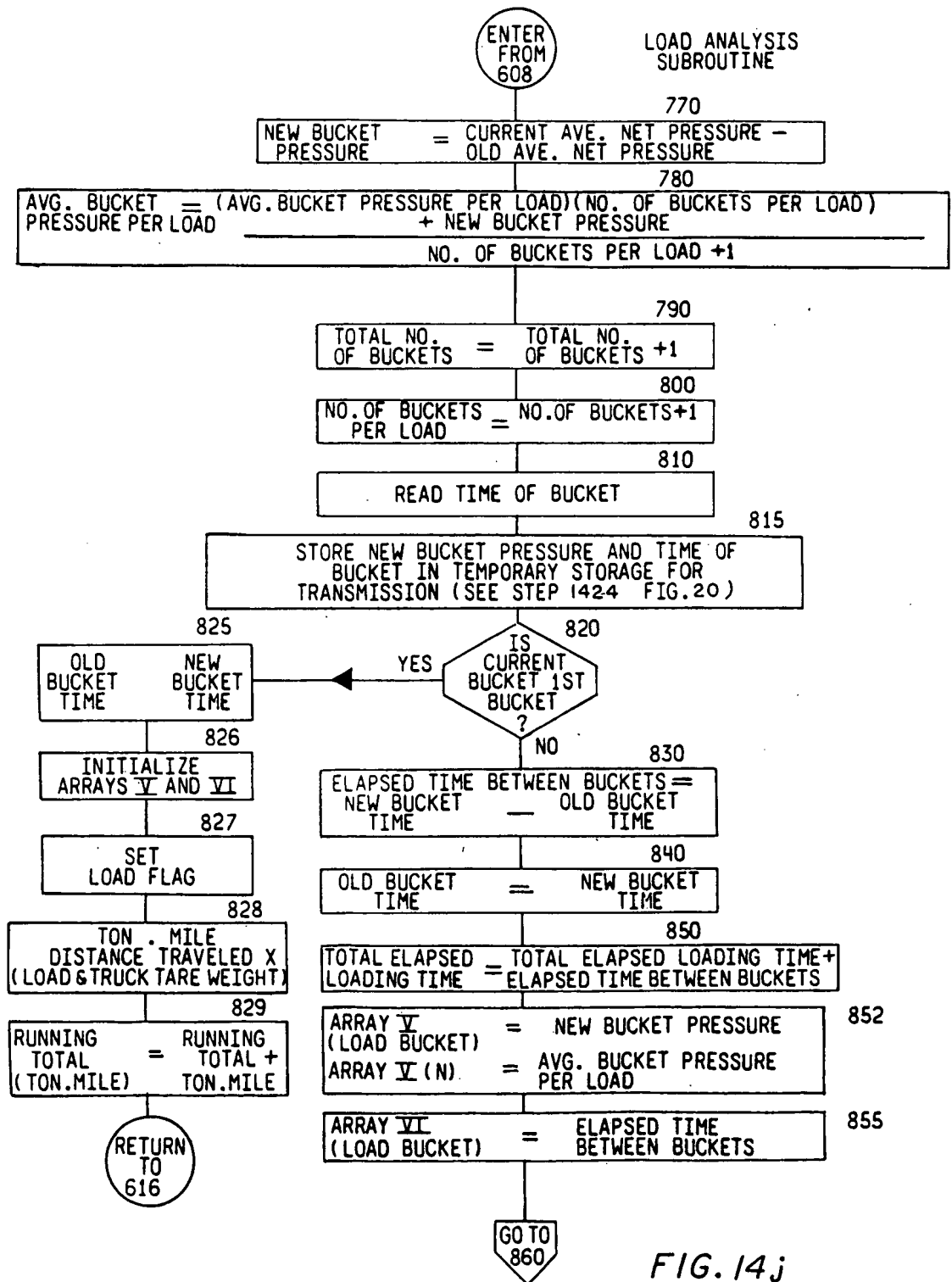


FIG. 14i



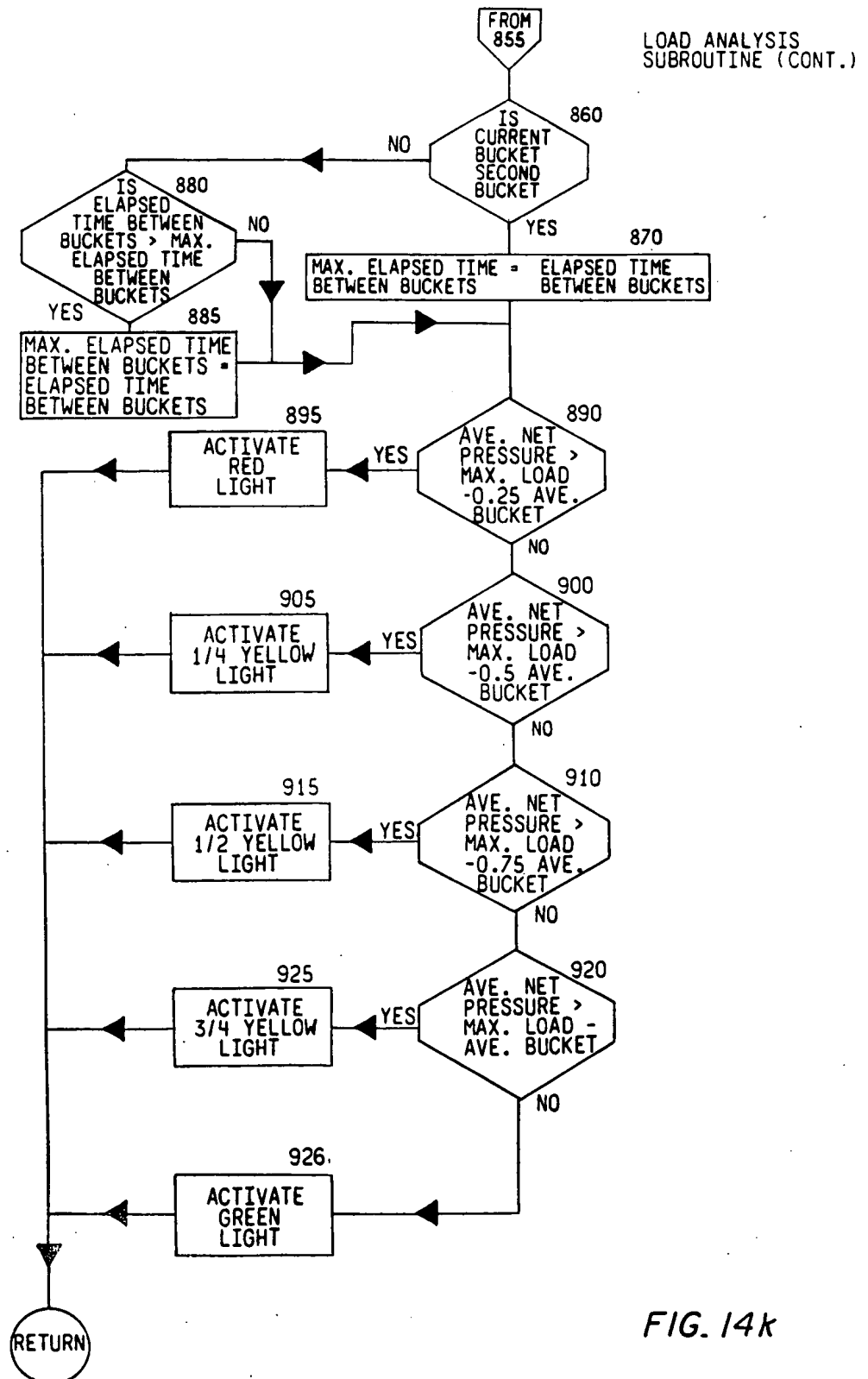


FIG. 14k

Print of Drawing
As Original Filed

102,531

~~964,126~~

~~351179~~

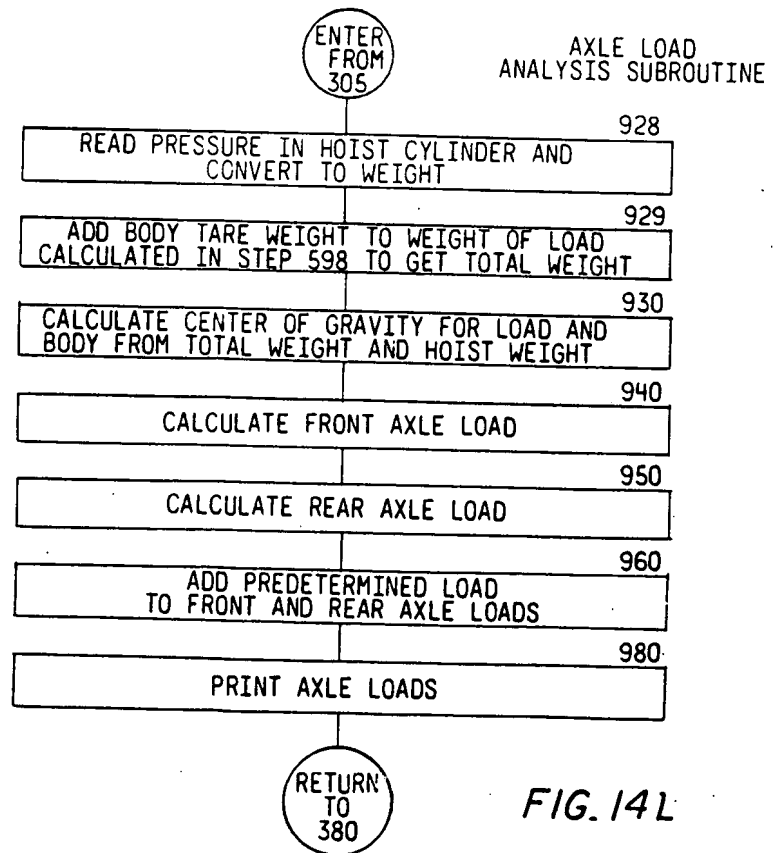


FIG. 14L

102,531
~~964,126~~

07/351179

DUMP SUBROUTINE

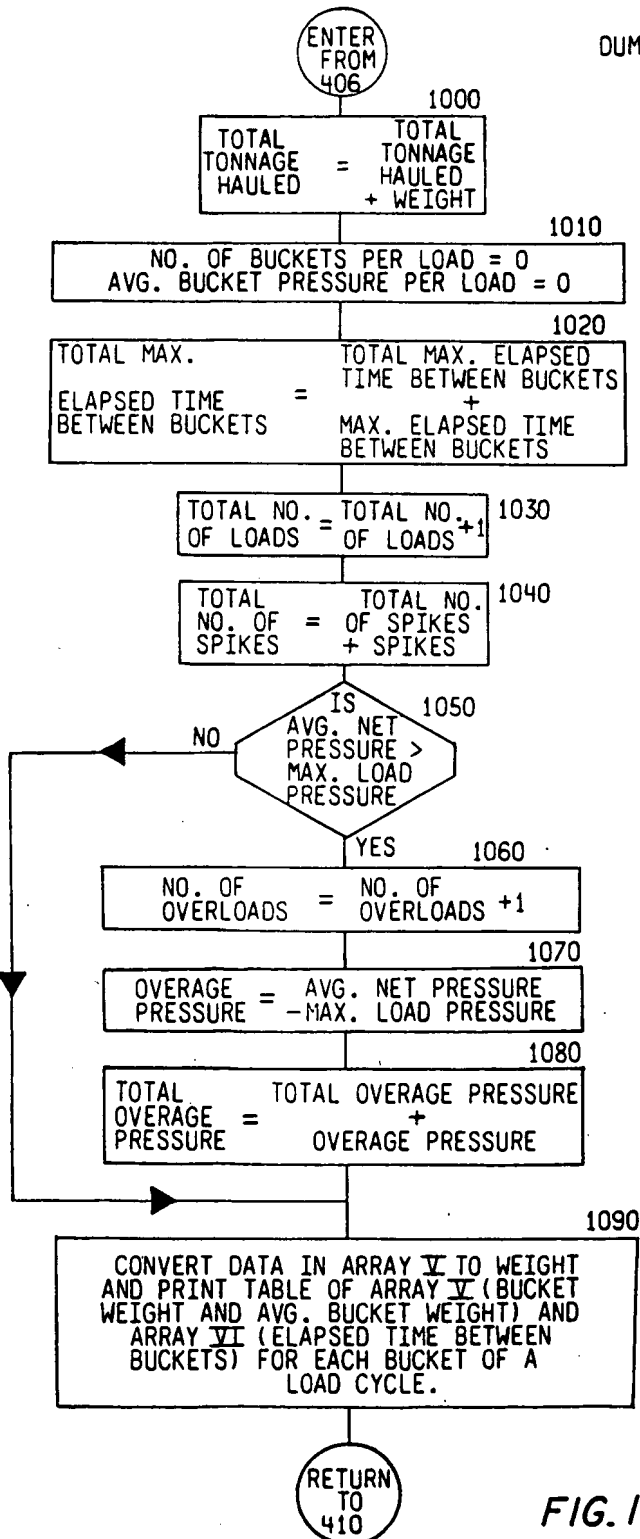


FIG. 14m

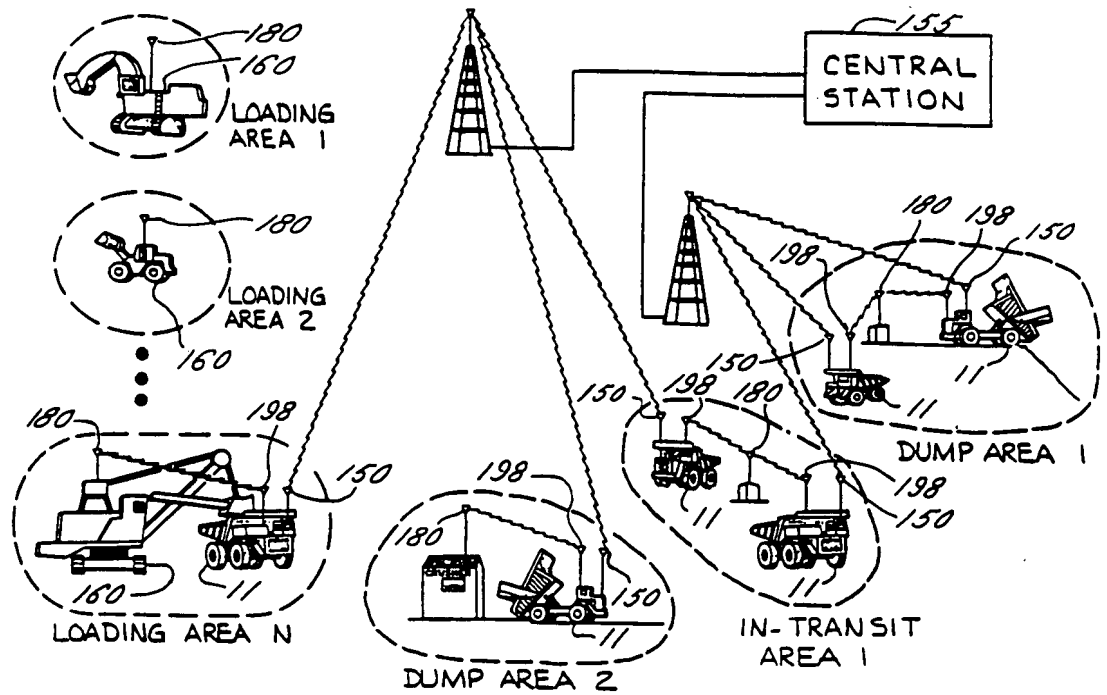


FIG. 15a

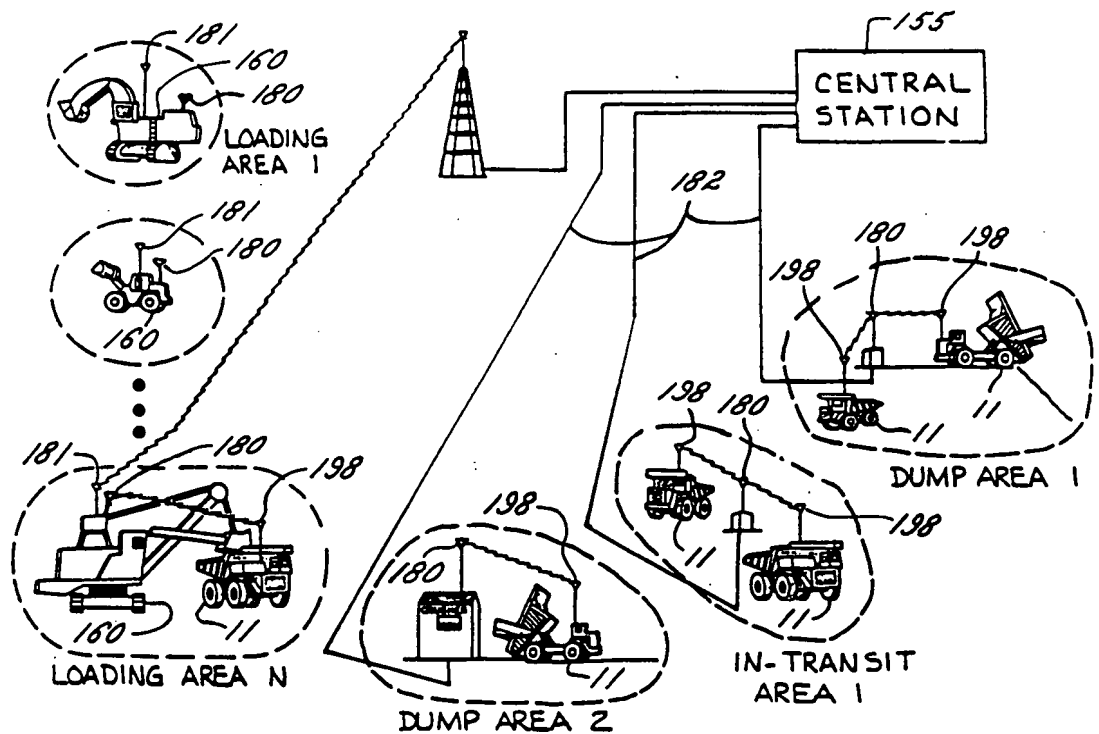


FIG. 15b

FROM FIELD
EQUIPMENT
TO CENTRAL STATION

SYNC.	EQUIPMENT NO.	RAW DATA STREAM
-------	---------------	-----------------

FIG. 16a

FROM CENTRAL
STATION
TO FIELD EQUIPMENT

SYNC.	EQUIPMENT NO.	CONTROL DATA
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FIG. 16b

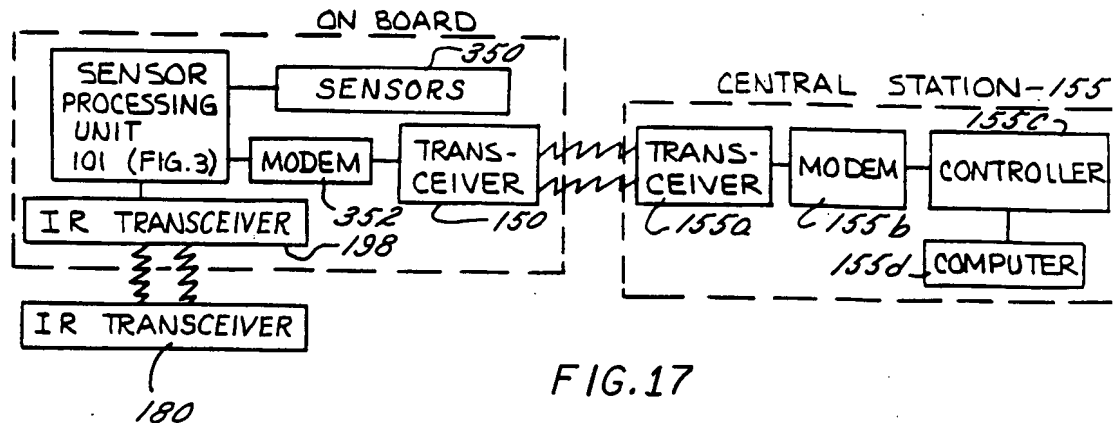


FIG. 17

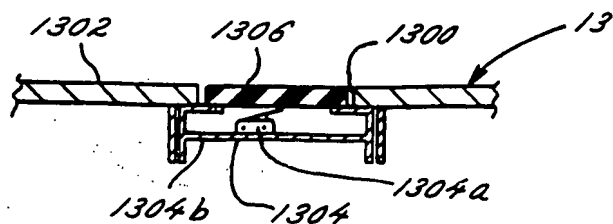


FIG. 18

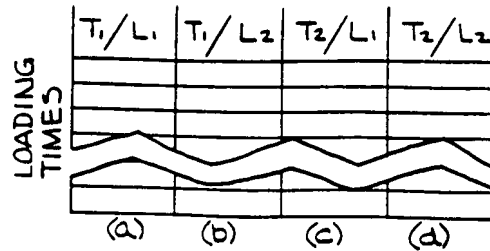


FIG. 19a

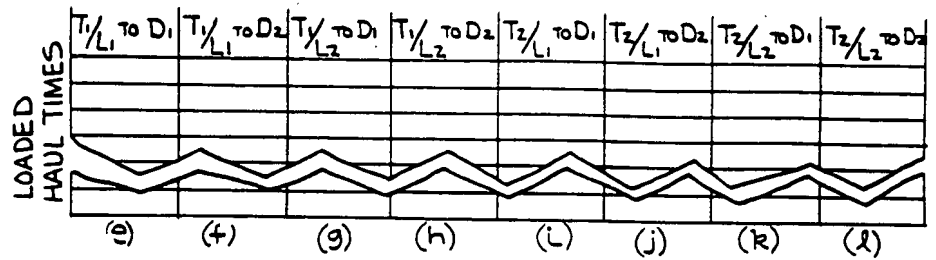


FIG. 19b

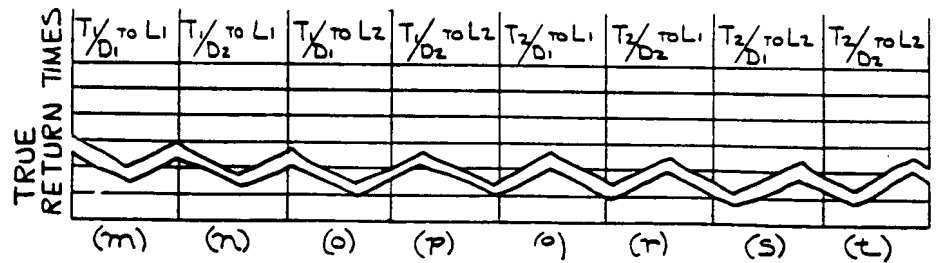


FIG. 19c

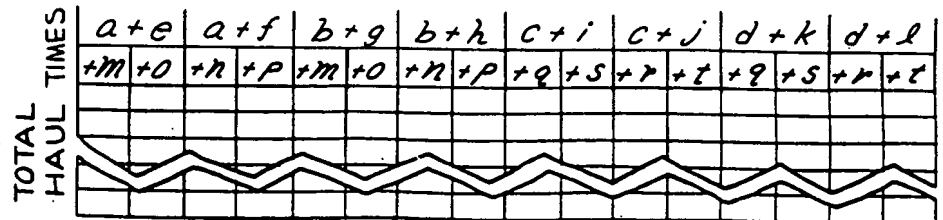


FIG. 19d

KEY TO FIGURES

- T₁ = 1ST TYPE OF VEHICLE
- T₂ = 2ND TYPE OF VEHICLE
- L₁ = 1ST LOADING AREA
- L₂ = 2ND LOADING AREA
- D₁ = 1ST DUMP AREA
- D₂ = 2ND DUMP AREA

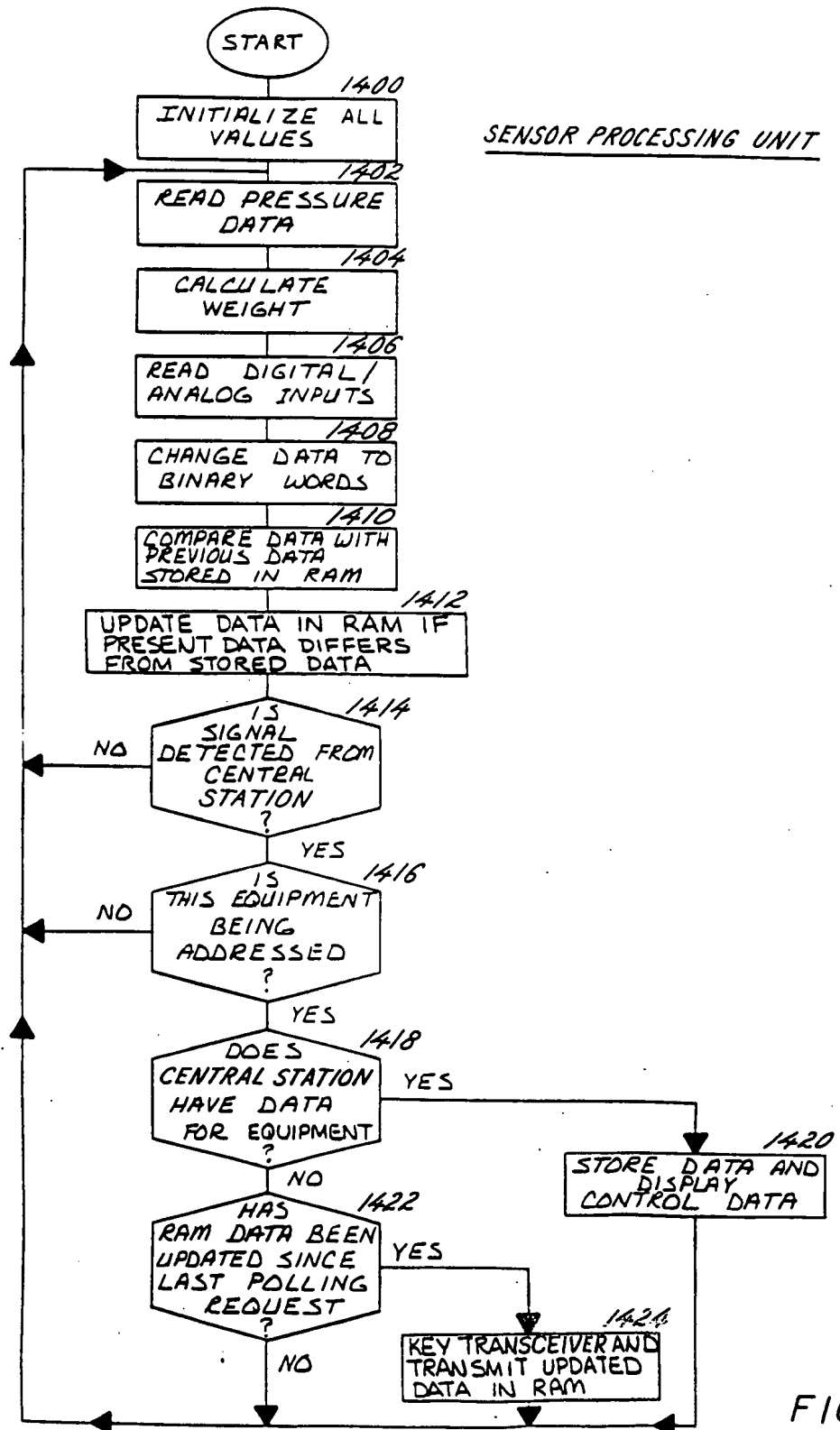


FIG.20

102,537

~~107,126~~

~~351179~~

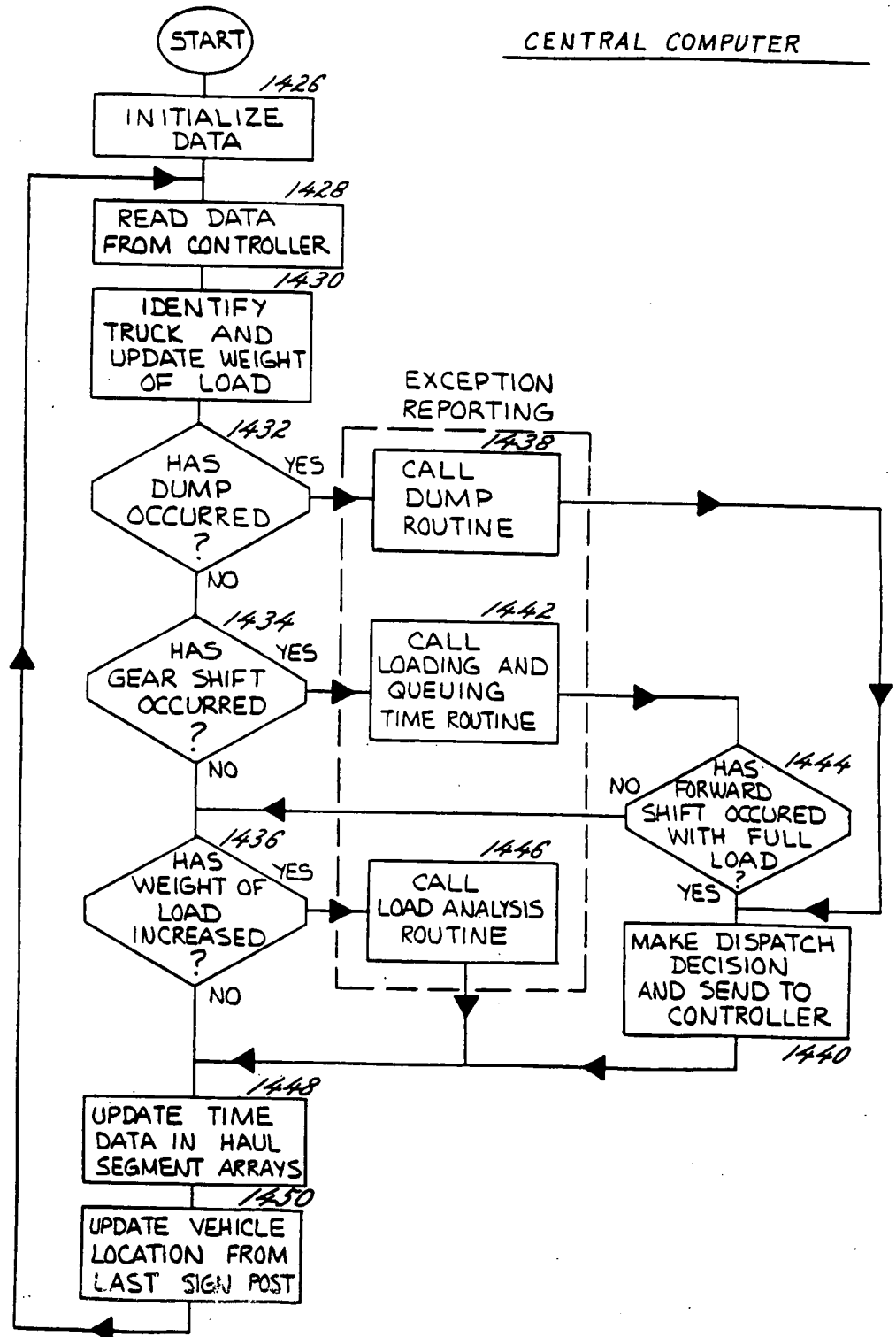


FIG. 21

DUMP ROUTINE

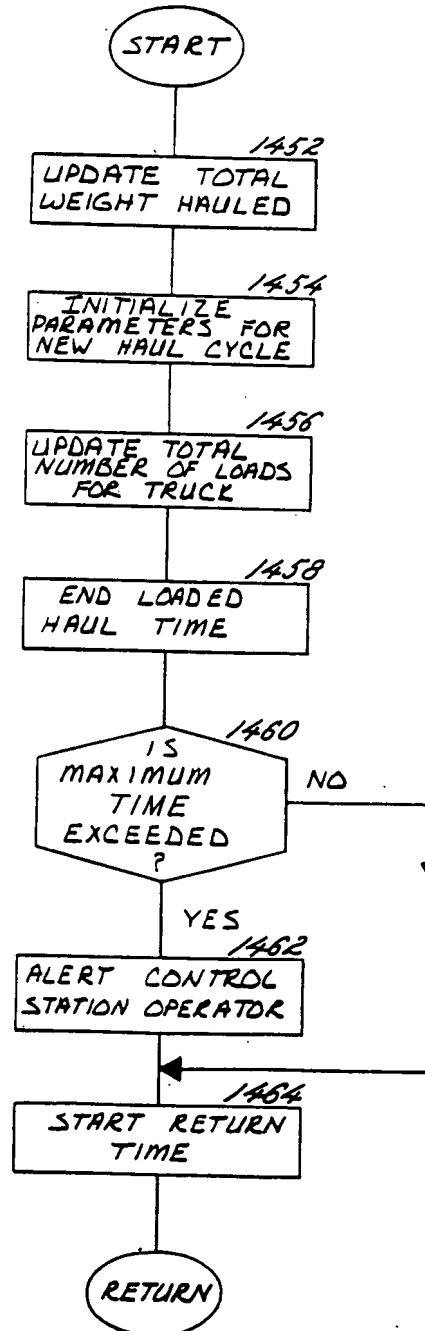


FIG. 22

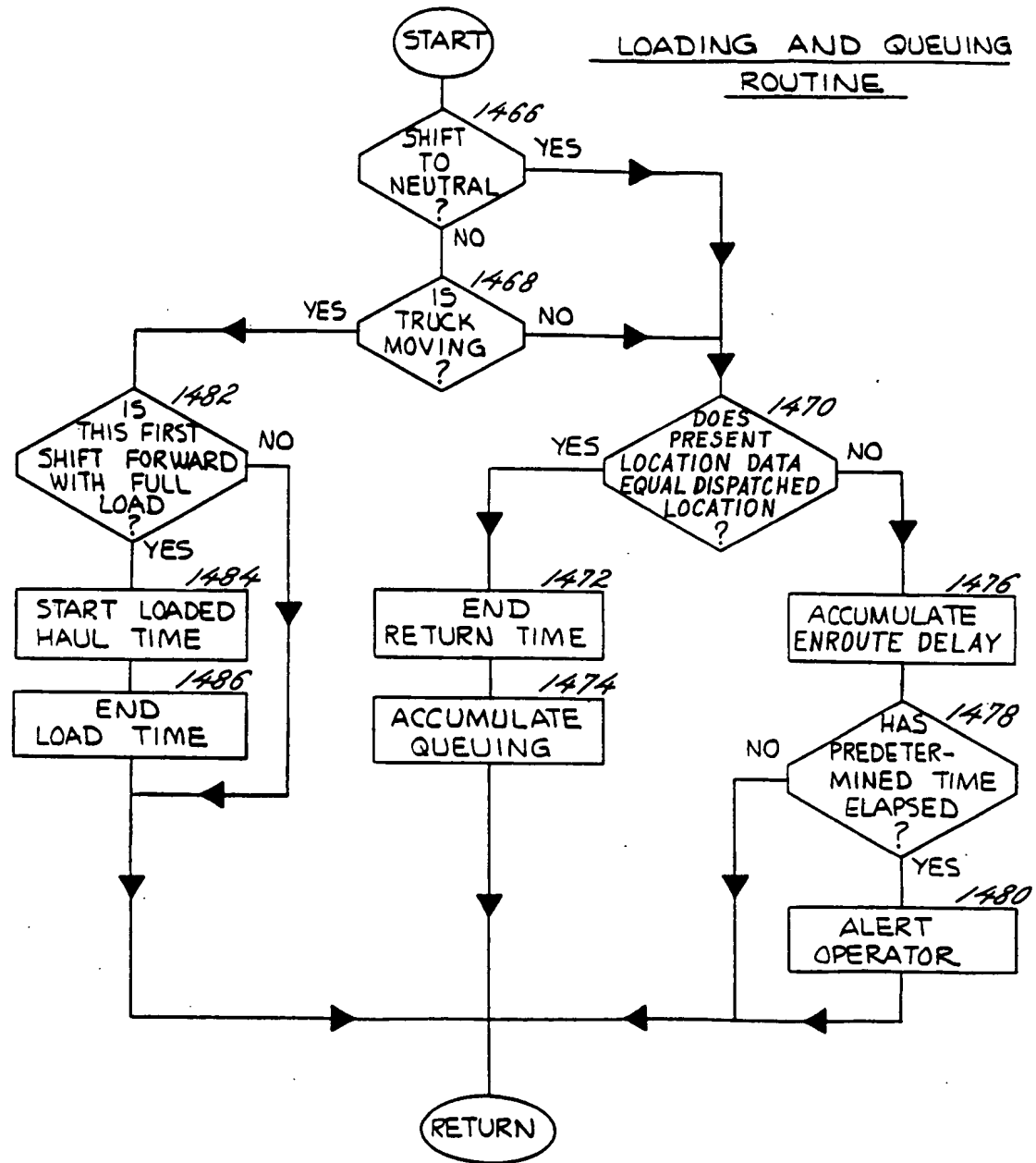


FIG. 23

~~964,126~~
~~102,531~~
102,531

LOAD ANALYSIS
ROUTINE

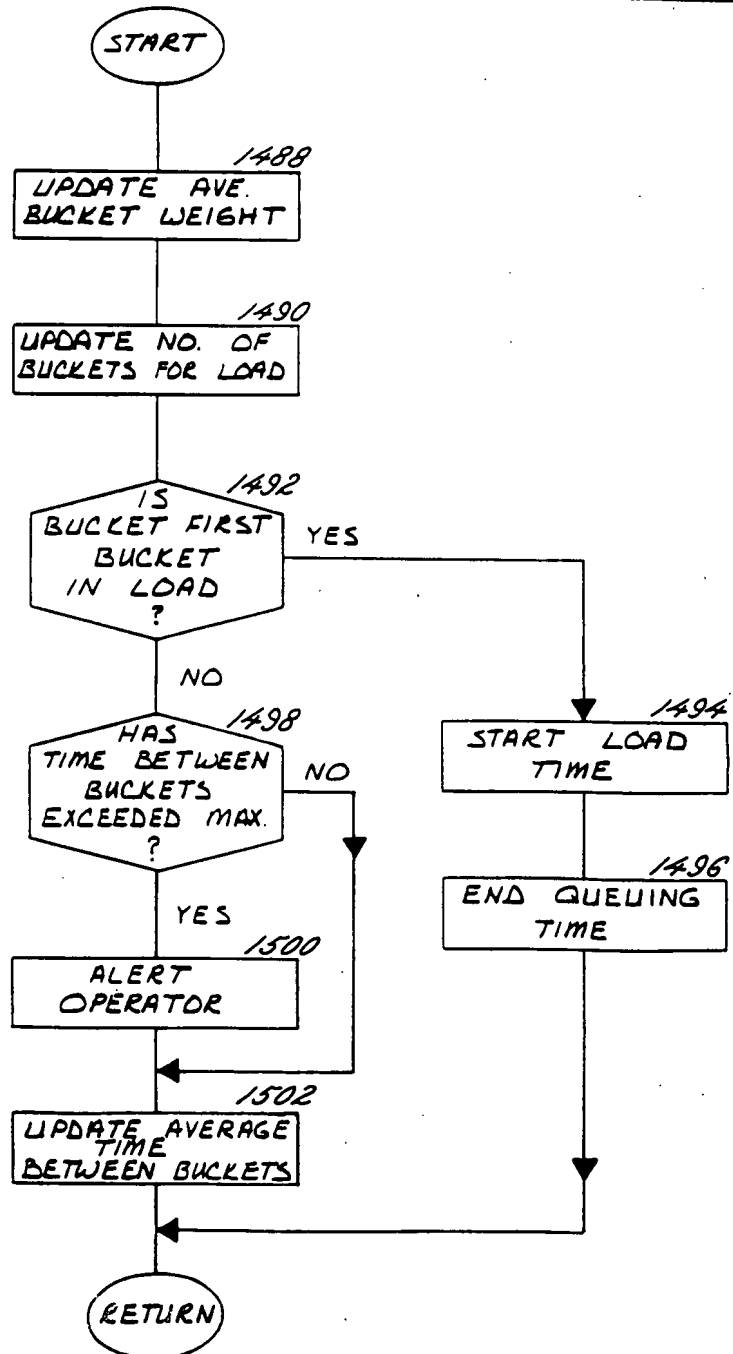


FIG. 24

~~102,531~~
~~961,126~~

FIG. 25

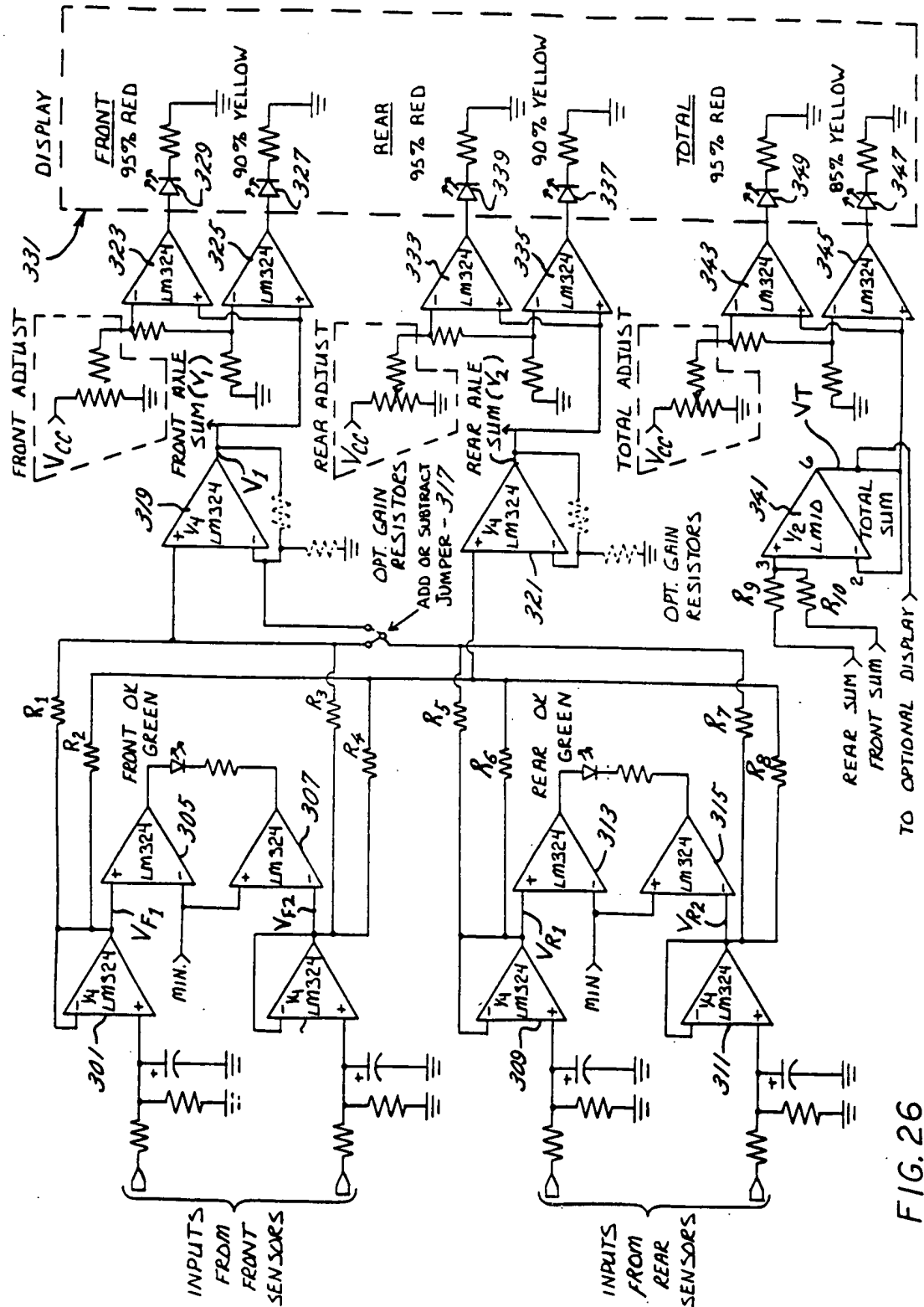


FIG. 26

~~964,126~~
~~07/25/179~~
102,531

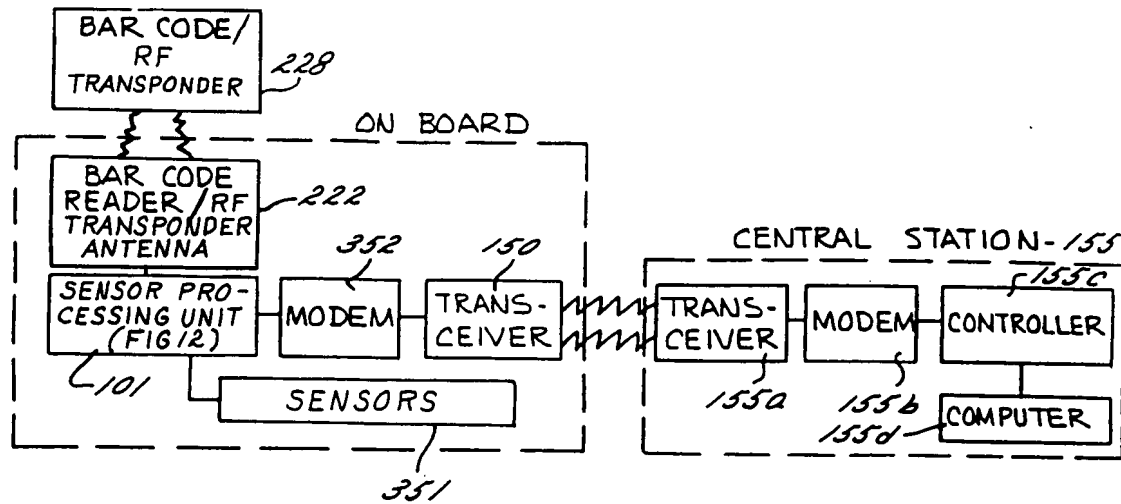


FIG. 27